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FILE COVERS 1947 - 19 Jul 2001 VOL 135 ISS 5  
FILE LAST UPDATED: 19 Jul 2001 (20010719/ED)

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=> d acc 125:303695 all

ANSWER 1 CA COPYRIGHT 2001 ACS

AN 125:303695 CA

TI Preparation of saccharide oligomers by chemical depolymerization of heparin derivatives

IN Vila Pahi, F. Javier; Farrerons Gallemt, Carles; Salvador Ravetllat, Luis; Gomis Torne, Pedro

PA Bioiberica, S.A., Spain

SO Span., 11 pp.

CODEN: SPXXAD

DT Patent

LA Spanish

IC ICM C08B037-10

ICS A61K031-725

CC 44-4 (Industrial Carbohydrates)

Section cross-reference(s): 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ES 2077533	A1	19951116	ES 1994-395	19940228
	ES 2077533	B1	19960701		
OS	MARPAT 125:303695				

AB The title oligomers, useful for prevention and treatment of thrombosis, are prepd. by (a) substituting carboxylic groups of a heparin salt (e.g., benzalkonium heparinate) with an anhydride mixt. having C1-4 alkyl or O-C1-4 alkyl terminals, (b) reacting with an org. base (e.g., Triton B) in an aprotic solvent to depolymerize, and (c) pptg. with a mixt. of NaCl soln., org. solvent, and water, and optionally (d) transforming the salt form to a acid form.

ST heparin depolymn saccharide oligomer prepn; benzalkonium heparinate depolymn oligosaccharide prepn; thrombosis treatment saccharide oligomer

IT Thrombosis

(for prevention and treatment of; prepn. of saccharide oligomers by chem. depolymn. of heparins)

IT Polysaccharides, preparation

RL: IMF (Industrial manufacture); PREP (Preparation)

(oligomers; prepn. of saccharide oligomers by chem. depolymn. of heparin derivs.)

IT 9005-49-6D, Heparin, Benzalkonium derivs. 111194-79-7, reactions

RL: RCT (Reactant)

(depolymn. of; prepn. of saccharide oligomers by chem. depolymn. of heparin derivs.)

IT 75-36-5, Acetyl chloride 100-85-6, Triton B 541-41-3, Ethyl chloroformate 9005-49-6D, Heparin, derivs.

RL: RCT (Reactant)

(prepn. of saccharide oligomers by chem. depolymn. of heparin derivs.)